

# PRODUCT SHEET

## ProOne Acryl Extérieur

High quality fast rain resistant acrylic sealant for interior and exterior use

Last revision: 01-05-2023

### Product Description

ProOne Acryl Extérieur is a high quality acrylic sealant which is rain resistant soon after application. After application the product cures to a plasto-elastic rubber due to the evaporation of the water from the sealant.

### Benefits

- Rain resistant soon after application
- For interior and exterior use
- High elongation at break and high movement accommodation
- Paintable with water based and synthetic paints
- Perfect adhesion without use of a primer on most, even slightly damp substrates
- Almost odourless
- Easy to apply and clean
- Non corrosive towards metals
- Excellent tooling properties

### Applications

ProOne Acryl Extérieur was specifically developed for connection joints between windowsills, stairs, ceilings, walls, skirtings, aerated concrete, plasterboard, limestone, wooden and metal window frames, concrete and brickwork. For interior and exterior use. As the sealant is rain resistant so soon after application, there are more possible applications.

### Directions Of Use

A joint with the correct dimensions is able to absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width. A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm is 1:1, with a minimum of 5 mm in width and depth. For joints wider than 10 mm, the depth is the width divided by 3 plus 6 mm.

### Technical Specifications

100 % modulus	DIN 53504 S2	0,10 N/mm <sup>2</sup>
Application rate	@ Ø3 mm/4 bar	500 g/min
Application temperature		+5°C to +40°C
Base		Acrylic dispersion
Curing time	@ +23°C/50% RH	2 mm/24 hrs
Density		1,57 g/ml
Elongation at break	DIN 53505/ISO 868	500%
Flow	ISO 7390	< 2 mm
Frost resistance during transportation		up to -15°C
Joint movement		12,5%
Shorea hardness	DIN 53505	10
Skin formation	DBTM 16	10 minutes @ +23°C/50% RH
Temperature resistance		-20°C to +75°C
Tensile strength	DIN 53504	0,10 N/mm <sup>2</sup>

These are typical values

### Limitations

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates
- Although the product is rain resistant, it will not withstand heavy driving rain and hail during curing

### Surface Preparations and Finishing

Application temperature +5°C to +40°C (applies to environment and substrates). All substrates must be solid, clean, dry, and free from grease and dust. Substrates to be cleaned from all loose particles, absorbent substrates do not require to be absolutely dry. Very porous substrates like: gypsum, aerated concrete, limestone, etc, need to be primed with a mixture of 1 part ProOne Acryl Extérieur and 2 parts water. Always test adhesion prior to application. Finish and smoothen with water.

### Paintability

ProOne Acryl Extérieur is paintable when fully dry. During curing the product will show shrinkage, which can cause cracking of the paint. Paintable with water based and synthetic paints. Painting with high water based paints can create cracking. We recommend testing compatibility with paint prior to application.

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## Cleaning

Tools to be cleaned after use with water. Hands can be cleaned with Wipes and/or water and soap.

## Shelf Life

In unopened original packaging between +5°C and +25°C, shelf life is up to 18 months from production date, stored in a dry place.



## Health & Safety

Product Safety Data Sheet must be read and understood before use. These are available on request and via our websites.

## Warranty & Guarantee

ProOne warrants that its product complies, within its shelf life, to its specification.

## Certifications

	EN 15651-1: F-EXT-INT 12.5P
	Emicode EC1 Plus
	A+ French VOC Regulation

## Disclaimer

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